

Notice of Allowability

Application No.

10/690,037

Examiner

James H. Blackwell

Applicant(s)

KIM, STEVEN P.

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 09/15/2006.
2. ☒ The allowed claim(s) is/are 1-18.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Edward Green on 12/06/2006.

EXAMINER'S AMENDMENT

3. The following claims are amended as follows:
 1. A method of displaying a table having a plurality of rows and columns in a window, comprising:

displaying a portion of a two-dimensional table comprising a plurality of rows and columns in a viewable area of said window; and

for at least one row of said table in said displayed portion, displaying information obtained from one or more of said columns located outside said viewable area of said window, wherein said information is displayed in a hovering row adjacent to ~~the displayed~~ said at least one row in the same viewable area of said window.

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9. A system for displaying information in a table, comprising:

a display device displaying a window having a viewable area;

an input device;

memory; and

a processor programmed to:

display a portion of a two-dimensional table comprising a plurality of

rows and columns in said viewable area of said window; and

for at least one row of said table in said displayed portion,

displaying information obtained from one or more of said

columns located outside said viewable area of said window,

wherein said information is displayed in a hovering row

adjacent to said at least one ~~the displayed~~ row, in the same

viewable area of said window.

14. A computer-readable medium which stores computer-executable process steps for displaying a table in a window having a viewable area, said computer-executable process steps causing a computer to perform the steps of:

displaying a portion of a two-dimensional table comprising a plurality of

rows and columns in a viewable area of said window; and

for at least one row of said table in said displayed portion, displaying

information obtained from one or more of said columns located

outside said viewable area of said window, wherein said

information is displayed in a hovering row adjacent to said at least

one ~~the displayed~~ row, in the same viewable area of said window.

Reasons For Allowance

4. The following is an examiner's statement of reasons for allowance: The prior art of record, either alone or in combination, fails to teach, suggest, or render obvious the combined limitations of each of the independent claims, especially in regard to the limitation: *for at least one row of said table in said displayed portion, displaying information obtained from one or more of said columns located outside said viewable area of said window, wherein said information is displayed in a hovering row adjacent to said at least one row in the same viewable area of said window.*

5. The closest prior art attributable to Roberts fails to disclose a hovering row. Rather, Roberts discloses hovering tables (rather sub-tables) for displaying hierarchical data in a fashion similar to hierarchical or cascading menus, whereas the invention displays hovering rows which allow for the display of information that would normally be off of the screen and a user would typically be required to use a scrollbar to view the off-screen content, then scroll back to the content originally visible.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James H. Blackwell whose telephone number is 571-272-4089. The examiner can normally be reached on Mon-Fri.

8. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather R. Herndon can be reached on 571-272-4136. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

9. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

James H. Blackwell
12/07/2006


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